

# URANIUM CORPORATION OF INDIA LIMITED

(A GOVT. OF INDIA ENTERPRISE)

CIN: U12000 JH 1967 GOI 000606

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Phone No.: 0657-2318001-07Extn: - 7210

No. UCIL/TMD/Elect/DS/11/2014

Dated: 12.11 .2014

Sealed Item Rate Limited Tenders are invited for the contractors having experience in power cables laying ,pole erection, supply and installation of electrical fittings & electrical contractor license to complete the below job on the approved list of CPWD/MES/Railways/PSUs/JSEBs/Large Private Sectors.

## N. I. T. No.: TMD/MIN -714

1	Name of work	:	Motor Rewinding for Turamdih Mines.
2	Estimated value	:	Rs3,54,915/ .
3	Duration of Contract	:	One year.
4	Cost of Tender Document	:	Rs 350/-
5	Earnest Money Deposit	:	Rs.7099/
7	Last date for submission of Tender document	:	05.12.2014 up to 3.00 PM
8	Date of opening of both Technical & Price Part of Tender documents.	:	05.12. 2014 at 3.30 PM
If the office of UCIL, Turamdih happens to be closed on the last date and time mentioned for any of the event, the said event will take place on the next working day at the same time and venue.			

Contractor should have complete at least one single similar type of job, value not less than 80% of the Estimated Value OR at least two similar type of jobs, value not less than 60% of each of the Estimated Value OR at least three similar type of jobs, value not less than 40% of the estimated value during the last seven financial years.

The intending tenderers will have to produce documentary evidence to prove their experience, capabilities and financial resources to do such type of work.

Full details, terms and condition & specifications of the work as well as detailed conditions of tendering shall be available in the above mentioned NIT and Tender document, which can be downloaded from UCIL web site: [www.ucil.gov.in](http://www.ucil.gov.in) from20..11.2014 onwards. Tenders received without EMD, Service Tax Code No., PAN No. will be summarily rejected. Cost of Tender Document will be submitted separately in shape of D.D. from any Nationalised bank in favour of Uranium Corporation of India Limited, Jaduguda payable at Jaduguda/Jamshedpur. Telex, Postal or e-mailed bids will not be entertained.

Sealed tender will be received in the tender box kept at the Personnel Section at Turmddih Mines Office upto 3:00 pm (15:00 Hrs) on 05/12/2014 and will be opened (Technical & Price Part) on same day at 3:30 pm (15:30 Hrs) at Turamdih Mines Office (Pers. Section) by the approved representative(s) of the competent authority, in the presence of parties who may likely to be present. Tenders received without EMD as well as conditional tender will be summarily rejected. Tenderers are to be quoted their price as per NIT conditions only.The Corporation reserves the right to accept or reject or cancel any or all tender(s) if necessary without assigning any reason whatsoever.

for CHAIRMAN & MANAGING DIRECTOR

URANIUM CORPORATION OF INDIA LIMITED

Copy to: General Manager(Open Pit); General Manager (Electrical); Mines Manager, TMD; Chief Manager (A/Cs), TMD; Dy. Manager (Pers.), NWP/TMD; Asst. Supdt (Elect), TMD Mines; Noting Folder; Notice Board- GM(OP), TMDTime Office, TMD Mill Office, TMD Colony Maint. Office, TMD Estate Office, NWP Time Office, JDG Time Office Mines, JDG Time Office Mill, JDG Old Admn. Bldg., MHD Time Office, O/C

## Technical Specification :

### 1 Rewinding of motor:-

Complete rewinding of submersible motor with good quality of insulating materials, overhauling, varnishing, backing assembling and testing of motor.

(1) Removal of defective winding from the stator, cleaning the slots & core, regressing with suitable solvent using polyester enameled copper wire & class F insulation materials. The winding is dried in oven & it is impregnated with insulating varnish of Dr. Beck & Co. & backed in a oven as specified by the manufacturer. After backing a coat of epoxy resin is applied on the winding to protect it from harmful effect of moisture in egress & chemical atmosphere. The motor shall be assembled with fresh lubrication to the bearing & test run to be taken.

(2) Removal of defective winding of submersible pump moter. Rewinding of motor using good quality of insulated copper super enameled wire & class F insulating materials. The moter shall be assembled with fresh lubrication to the bearing & test run to be taken.

(3) Contractor should check for availability of hooks provides for handling the pump. If hooks are not is good condition, contactor should provide.

(4) Winding should be done with exact size, type and grade of wire as per original design unless specified.

(5) Winding should be done with exact size, type and grade of wire as per original design unless specified by ERS.

(6) Before taking up overhauling/rewinding of pump contractor has to check the condition of impeller. If impeller condition is not good/requires replacement, it should be intimated to engineer and should take his permission for further progress of repair.

Special Conditions:

1. The Contractor has to arrange his own welding / gas cutting set or any other accessories required.
2. The Contractor shall depute a supervisor skilled enough to supervise the works. The Supervisor should have license to work on LT motors (rewinding).
3. The rewound motor shall be subjected to required test & test certificate to be produced. For all rewound motor no load test run to be carried out.
4. Repair of parts / arrangement of spare if any required, dynamic balancing shall be carried out. However bearing replacement & lubrication shall be carried out free of cost. The bearing will be supplied by the contractor.
5. The rewinding wire used for rewinding shall be of super enameled copper wire of best quality with ISI mark polyester base. The varnish shall be Dr. Beck make; sleeve & tape med should be of fiber glass & milnex paper of class F insulation. Motor winding terminal lead to terminal bushes should be flexible, fiber glass insulated, proper size copper cable impregnated by insulating varnish. The grease used should be of good servojen 3..
6. **Insulation resistance after rewinding of motor must be above 10 M ohm.**
7. The motor will be delivered / collected from your works by our representatives
8. Quantity Variation:                     $\pm 10\%$
9. The rewinding work shall be carried out within seven 7 days of receipt of the motor. In case of any emergency, the rewinding to be carried out within two days time
10. The rewound motor should be guaranteed for six months from date of delivery.
11. The rate shall be inclusive of all taxes & duties.
12. Safety and Security of UCIL's Materials:  
Tenderer will be responsible for safe keeping of materials issued by UCIL on free of cost / chargeable basis and on completion of work or during the course of work all materials issued to the tenderer shall be accounted for.
13. Contractor has to arrange his own vehicle to transport the men, materials, tools and tackles to various sites. However, vehicle can be provided by UCIL subject to availability for shifting of light materials excluding rails and ACSR Conductor on chargeable basis if so desired by the Contractor.

14. The contractor shall cover all materials at site with requisite insurance against theft, larceny, dacoits, fire, tempest, flood etc.
15. The special conditions given in this section shall supersede the conditions given elsewhere in this document.
16. Power supply if required will be provided free at one point where electric supply is available.
17. Any material required for the work will be issued to the contractor by UCIL at our site stores and contractor shall make own arrangement for lifting, shifting of the same to work site.
18. Completion Time - One year.
19. Regarding payment of royalty towards use of mining minerals, the rules already in vogue and amended from time to time shall be applicable.
20. The nature of work is scheduled as well as breakdown maintenance of the motors  
Therefore, the Contractor should ensure that a supervisor and a group of at least 02 (Two) skilled / unskilled labors are always available at call on short notice so that they can be deployed to site immediately after breakdown.

**Schedule Items of work for Motor Rewinding for Turamdih Mines NIT  
NO -TMD /MIN-714**

Sl. No.	DESCRIPTION OF ITEM	Unit	QTY	RATE (in Rs)		AMOUNT (in Rs.)	
				In Figure	In Words	In Figure	In Words
1	25 HP Motor	Nos.	2				
2	10 HP Motor	Nos.	2				
3	Control Transformer	Nos.	2				
4	40 HP Motor	Nos.	2				
5	60 HP Motor	Nos.	2				
6	Ceiling fan	Nos.	200				
7	15 HP Motor	Nos.	1				
8	Weding machine	Nos.	1				
9	30 HP Motor	Nos.	2				
10	5 HP	Nos.	1				
11	120 HP	Nos.	2				
12	Exhaust fan	Nos.	3				
13	220 HP Motor	Nos.	2				
14	DG Exciter	Nos.	1				
	<b>Total -</b>						